(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 24 February 2005 (24.02.2005)

PCT

(10) International Publication Number WO 2005/017096 A2

(51) International Patent Classification7:

C12N

(21) International Application Number:

PCT/IL2004/000759

(22) International Filing Date: 19 August 2004 (19.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/495,898

19 August 2003 (19.08.2003)

(71) Applicant (for all designated States except US): AGOS BIOTECH LTD. [IL/IL]; 14/3 Mordei Hagetaot Street (Entrance B), 76464 Rehovot (IL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): HARARI, Daniel [IL/IL]; 14/3 Mordei Hagetaot Street (Entrance B), 76464 Rehovot (IL).

(74) Agent: WEBB, Cynthla; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SPLICE VARIANTS OF ErbB LIGANDS, COMPOSITIONS AND USES THEREOF

(57) Abstract: The present invention relates to nucleic acid and amino acid sequences of previously unknown ErbB ligands that are splice variants of previously known ErbB ligands, to compositions comprising these sequences and uses thereof in the diagnosis, treatment, and prevention of diseases and disorders mediated by ErbB receptors. Specifically, the present invention relates to splice variants lacking the C-loop of an intact EGF domain.